

A U S T I N C I T Y C O U N C I L

AGENDA



Thursday, May 18, 2006

Back

Item # 14

Public Works RECOMMENDATION FOR COUNCIL ACTION

Subject: Authorize execution of a construction contract with AUSTIN FILTER SYSTEMS, INC., Austin, TX, for the Austin Clean Water Program: Shoal Creek Channel Stabilization and Line Abandonment project in the amount of \$1,248,934.40 plus a \$62,446 contingency, for a total contract amount not to exceed \$1,311,380.40.

Amount and Source of Funding: Funding in the amount of \$1,192,270 is included for the channel work in the Fiscal Year 2005-2006 Capital Budget of the Austin Water Utility, and \$119,110.40 is available for the bridge work in the Fiscal Year 2005-2006 Capital Budget of the Public Works Department.

Fiscal Note: A fiscal note is attached.

Additional Backup Material

(click to open)

☐ MWBE SUB GOALS

☐ MAP

☐ AWU FISCAL NOTE SHOAL CREEK 00156W

☐ WATER & WASTEWATER COMMISSION RECOMMEND 00156W

☐ PWD FISCAL NOTE SHOAL CRK BRIDGE

For More Information: Stan Evans 479-1636; Anne Scharlach 703-6637, Phil Salyers 479-7144, Laura Bohl 974-7064.

Boards and Commission Action: Recommended by the Water and Wastewater Commission.

Purchasing Language: Lowest of four bids received.

MBE/WBE: 18.38% MBE and 4.15% WBE subcontractor participation.

This construction project will remove abandoned wastewater pipes and structures and concrete rip-rap from 1800 linear feet of Shoal Creek, south of the 29th Street Bridge. As the creek eroded, the pipes and structures were exposed, and contributed to the erosion in the creek. Since exposure of the pipes can lead to damage and wastewater overflows, all flows have been rerouted to lines outside the creek by other Austin Clean Water Program (ACWP) projects. The concrete rip-rap must also be removed since it has contributed to the erosion. Upon removal of the abandoned lines, structures and rip-rap, the creek bottom and banks will be stabilized against further erosion. A Public Works Street and Bridge project is also part of this bid, and will provide for renovation of the bridge located on Shoal Creek Boulevard at 2700 block of Lamar Boulevard. The bridge location falls within the limits of construction for the channel work, so this will allow the same contractor to complete both channel and bridge work in the same time and with the same inspection staff.

The proposed channel improvements consist of 5,400 linear feet of pipe removal, 13,300 square

feet of structure and concrete removal, 3,700 cubic yards of erosion protection rock rip-rap, 4,500 square feet of mechanically stabilized erosion protection wall (stone blocks). The bridge renovations will replace damaged concrete components and provide protection against undermining of the foundation from scour.

Due to the potential for unknown subsurface conditions when working in the creek and hidden structural problems with the bridge, a 5% contingency in funding has been included to allow for the expeditious processing of any future change orders. The contract allows 120 working days for completion of this project.

Bid documents were distributed to 11 general contractors. Bids were opened on **March 2, 2006**. Austin Filter Systems submitted the lowest of 4 bids received:

Austin Filter Systems, Inc., Austin, TX	\$1,248,934.40
MAC, Inc., Austin, TX	\$1,274,523.00
Smith Contracting, Inc., Austin, TX	\$1,530,002.00
Dayco Construction Co., Austin, TX	\$2,387,370.50

The contractor's choice of work methodology provides for subcontracting opportunities in 6 areas which are listed below. **Project specific subgoals** stated in the solicitation were 3.18% African American (MB); 14.93% Hispanic (MH); 0% Native American (MN); 0.25% Asian Americans (MA); 4.14% WBE. Total participation estimated on base bid amount of \$1,248,934.40:

NON M/WBE TOTAL - PRIME	\$794,199.00	63.59%
Austin Filter Systems, Inc., Austin, TX	\$794,199.00	63.59%
MBE TOTAL - SUBCONTRACTORS	\$229,591.00	18.38%
African American Subtotal	\$39,880.00	3.19%
B-MW Trucking, Austin, TX (hauling)	\$39,880.00	3.19%
Hispanic Subtotal	\$186,591.00	14.94%
Texas Trucking, Austin, TX (hauling)	\$186,591.00	14.94%
Asian American Subtotal	\$3,200.00	0.25%
Benquest LLC, Austin, TX (diesel fuel)	\$3,200.00	0.25%
WBE TOTAL - SUBCONTRACTORS	\$51,800.00	4.15%
One Star Ready Mix, Austin, TX (concrete)	\$4,100.00	0.33%
AFS Environmental, Austin, TX (erosion control services)	\$42,180.00	3.38%
Online Traffic Controls, Austin, TX (traffic control services)	\$5,520.00	0.44%
NON M/WBE TOTAL - SUBCONTRACTORS	\$173,344.00	13.88%
Texas Crushed Stone, Georgetown, TX (crushed stone)	\$16,880.00	1.35%
Texas Industries, Austin, TX (crushed stone)	\$11,519.00	0.92%
Line Services, Rockdale, TX (crushed stone)	\$93,825.00	7.51%
Superior Stone, Austin, TX (limestone blocks)	\$45,000.00	3.61%
Geo Solutions, Austin, TX (geogrid fabrics)	\$6,120.00	0.49%

The Contractor submitted an M/WBE Compliance Plan that **met the goals of the solicitation** and was approved by the Department of Small and Minority Business Resources. Second and third low bidder information is provided.

SECOND BIDDER - MAC, Inc., Austin, TX \$1,274,523.00

11.88% M/WBE prime participation; 0.11% MB; 0% MH; 0% NA; 0.2% AA; 2.8% WBE; 5.01% Non M/WBE subcontractor participation.

THIRD BIDDER – Smith Contracting Co. Inc., Austin, TX \$1,530,002.00

3.59% Non M/WBE prime participation; 1.3% MB; 2.7% MH; 0% NA; 0.26% AA; 2.15% WBE; 0% Non M/WBE subcontractor participation.

CIP FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

05/18/06
Resolution
Austin Water Utility

DESCRIPTION:

Authorize execution of a construction contract with AUSTIN FILTER SYSTEMS, INC., Austin, TX, for the Austin Clean Water Program: Shoal Creek Channel Stabilization and Line Abandonment project in the amount of \$1,248,934.40 plus a \$62,448 contingency, for a total contract amount not to exceed \$1,311,380.40.

FINANCIAL INFORMATION:

Parent Project Name:	Wastewater Unfunded Future
Project Authorization:	2005-06 Approved Capital Budget
Funding Source:	Commercial Paper
Number:	4570 237 2017

Current Appropriation	\$ 575,217,293.00
Unencumbered Balance	140,103,220.12 *
Amount of This Action	<u>(1,192,270.00)</u>
Remaining Balance	<u>\$ 138,910,950.12</u>
Current Available Balance	\$ 170,976,668.63
Less Outstanding Commitments	<u>(30,873,448.51)</u>
Estimated Unencumbered Balance	<u>\$ 140,103,220.12 *</u>

Utility Finance:


David Anders, Utilities Finance Manager

Date:

5/1/06

REF. # 4570 237 8698

No. 050306-B

**RECOMMEND EXECUTION OF A CONSTRUCTION CONTRACT WITH AUSTIN
FILTER SYSTEMS, INC., AUSTIN, TX, FOR THE AUSTIN CLEAN WATER
PROGRAM: SHOAL CREEK CHANNEL STABILIZATION AND LINE
ABANDONMENT PROJECT**

**May 3, 2006
REGULAR MEETING
VOTE: 7-0-1-1**

Motion made by: Coleman
Commissioners Consenting: Warner, Pool, Lee, Raun, Friese, Scott-Ryan
Commissioners Dissenting:
Commissioners Abstaining: Gonzalez
Commissioners Absent: Chan

The Water and Wastewater Commission recommend execution of a construction contract with AUSTIN FILTER SYSTEMS, INC., Austin, TX, for the Austin Clean Water Program: Shoal Creek Channel Stabilization and Line Abandonment Project in the amount of \$1,248,934.40 plus a \$62,446 contingency, for a total contract amount not to exceed \$1,311,380.40.

Commissioner Gonzalez abstained because he works on the Austin Clean Water Program.


Michael Warner, Chairperson
Water and Wastewater Commission

5/3/06
Date

**CIP BUDGET
FISCAL NOTE**

DATE OF COUNCIL CONSIDERATION:

18-May-06

WHERE ON AGENDA:

Resolution

DEPARTMENT:

Public Works Department

DESCRIPTION: Authorize execution of a construction contract with AUSTIN FILTER SYSTEMS, INC., Austin, TX, for the Austin Clean Water Program: Shoal Creek Channel Stabilization and Line Abandonment project in the amount of \$1,248,934.40 plus a \$62,446 contingency, for a total contract amount not to exceed \$1,311,380.40.

FINANCIAL INFORMATION:

Project Name: Shoal Creek Bridge Repair (2700 Block)
Project Authorization: 2005-2006 Approved Capital Budget
Funding Source: 1998 GO Bonds P1
Fund/Agency/Orgn: 8780-607-1800

Total Current Appropriation	\$73,270,000.00
Unencumbered Balance	\$1,304,792.00
Amount of this Action	<u>(\$119,110.40)</u>
Estimated Available	<u>\$1,185,681.60</u>

Ref: 8780-607-1887

Financial Approval: Rusty Cobem

Date: May 4, 2006